

PROCEEDINGS
OF THE
BIOLOGICAL SOCIETY OF WASHINGTON

A NEW PHALANGER FROM CELEBES.¹

BY GERRIT S. MILLER, JR., AND N. HOLLISTER.

In the extensive series of Phalangers collected by Mr. H. C. Raven in North and Middle Celebes, while working under the auspices of Dr. W. L. Abbott, are three skins and skulls of a new species, allied to *Phalanger ursinus*. These were taken by Mr. Raven at Rano Rano in the high mountains east of Lake Lindoe and north of Lake Poso, a locality where he secured several of the most striking novelties in his collection, including the remarkable new rodent genus *Melasmothrix* and the pigmy tarsier (*Tarsius pumilus*) which we have described in previous papers.²

Phalanger furvus, sp. nov.

Type from Rano Rano, Middle Celebes. No. 219,473, U. S. National Museum, skin and skull of adult ♂; collected January 5, 1918, by H. C. Raven; original number 3369.

Diagnosis.—In general like *Phalanger ursinus* (Temminck), but larger, with longer, softer fur (hairs on withers 50 mm. in length); ears small, unmarked, and completely hidden in hairs of head; general coloration black. Skull heavy with larger teeth than in *P. ursinus*; the larger pre-molar particularly robust.

Color of type.—Upperparts, including flanks, from eyes to naked portion of tail, and outer sides of arms and legs rich glossy black; underfur and bases of long hairs clear rich chestnut. Around eyes, cheeks, and chin grayish. Middle underparts from throat to tail, and inner sides of arms and legs dark amber brown, sharply marked from black of flanks, the hairs with dark chestnut bases. An older female and a younger male are colored essentially as in the type.

Measurements of type.—Head and body, 610; tail vertebrae, 580; hind foot, 120. Skull: Greatest length, 106.5; condylobasal length, 101.5; zygomatic breadth, 66.2; length of nasals, 37.2; greatest breadth of both

¹Published here by permission of the Secretary of the Smithsonian Institution.

²Proc. Biol. Soc. Washington, vol. 34, pp. 67-76, 93-104. 1921.

nasals combined, 21.9; upper tooth row, entire, 56.1; upper molars and large premolar, 34.2; mandible, 81.6; lower molars and large premolar, 36.3.

Specimens examined.—Three, from the type locality.

Remarks.—Mr. Raven records the weight of this species as 22 pounds, while his largest specimens of *P. ursinus* weighed 15 and 16 pounds. Occasional specimens of *ursinus* are quite dark, especially when in worn pelage, but no specimen in the collection, representing numerous localities in North and Middle Celebes, south as far as Pinedapa, just north of Rano Rano, approaches in any measure the rich glossy black of the new species, which is further sharply differentiated from all specimens of *ursinus* by the small, unmarked ears and the great relative size of the large upper premolar.